

that the estimated carrier is a wanted carrier power value at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

5. (Amended) Device (20) according to claim 3,

**characterized in,**

that if said filter to be selected is to be a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

6. (Amended) Device (20) according to claim 3,

**characterized in,**

that if said filter to be selected is to be a time filter, said filter is further selected on the basis of a Doppler frequency of the estimated channel.

10. (Amended) Device according to claim 8,

**characterized in,**

that the estimated carrier is a wanted carrier power value at the frequency subcarrier and the timeslot of the data symbol to be channel estimated.

11. (Amended) Method according to claim 9,

**characterized in,**

that if said filter to be selected is a frequency filter, said filter is further selected on the basis of a difference vector between frequency subcarriers adjacent to the frequency subcarrier of the data symbol to be channel estimated.

12. (Amended) Method according to claim 9,

**characterized in,**